

**From:** [Chip Humphrey](#)  
**To:** [Carl Stivers](#); [Jim McKenna](#); [Rick Applegate](#); [Bob Wyatt](#)  
**Cc:** [Valerie Oster](#); [Eric Blischke](#)  
**Subject:** Re: Mobility Testing FSP Extension  
**Date:** 02/19/2008 01:07 PM

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Carl

EPA approves the LWG's request to extend the deadline for submittal of the Mobility Testing FSP. It is our understanding that this extension is needed to develop the test procedures and coordinate with the labs, and the extension will not impact the project schedule.

The new deadline for the FSP submittal is March 24, 2008.

Chip Humphrey

▼ ["Carl Stivers" <cstivers@anchorenv.com>](#)

**"Carl Stivers"**  
**<cstivers@anchorenv.com>**

02/19/2008 12:10 PM

To Chip Humphrey/R10/USEPA/US@EPA, Eric Blischke/R10/USEPA/US@EPA  
cc "Bob Wyatt" <rjw@nwnatural.com>, "Jim McKenna" <Jim.McKenna@portofportland.com>, "Rick Applegate" <RICKA@bes.ci.portland.or.us>, "Valerie Oster" <voster@anchorenv.com>  
Subject Mobility Testing FSP Extension

Chip and Eric –

Just a reminder that the LWG is seeking an EPA approval for extending the deadline for submittal of the Mobility Testing FSP, per the email below. We would like to get your approval before the existing deadline passes, which we calculate to be February 25.

Thanks much.

Carl

**Carl Stivers**

Anchor Environmental, L.L.C.  
23 South Wenatchee Avenue, Suite 120  
Wenatchee, WA 98801  
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**From:** Carl Stivers

**Sent:** Fri 2/1/2008 11:16 AM

**To:** Valerie Oster

**Subject:** RE: FW: LWG Proposal Mobility Testing

Valerie – Please pass on to EPA with copy to Exec. Thanks.

Chip and Eric -

The LWG is requesting an extension of the deadline stated in the EPA approval message below. We would like 60 days for this submittal given that the mobility tests contain many new procedures for the project and will require coordination with potentially new labs. Thus, we would plan to submit a draft FSP to EPA by March 24, 2008. We see no impact from this extension on the overall project schedule given that these data will not be used until we are well into the FS development process. Thanks much.

Carl

**Carl Stivers**

Anchor Environmental, L.L.C.  
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**From:** Humphrey.Chip@epamail.epa.gov [mailto:Humphrey.Chip@epamail.epa.gov]  
**Sent:** Thu 1/24/2008 6:49 PM  
**To:** Jim McKenna; Rick Applegate; Bob Wyatt  
**Cc:** Carl Stivers; Valerie Oster; Blischke.Eric@epamail.epa.gov  
**Subject:** Re: FW: LWG Proposal Mobility Testing

Jim, Bob and Rick

This is in response to your Preliminary Proposal for Feasibility Study (FS) Mobility Testing, which was provided via email on December 17th (below) as a memorandum and table from Carl Stivers, Anchor Environmental. The LWG's proposal includes obtaining core samples and performing the following tests:

- 1) Modified Elutriate Test (MET) on sediment samples from 11 locations
- 2) Sequential Batch Leachated Test (SBLT) on sediment samples from 11 locations
- 3) TCLP on sediment samples from 10 locations

The proposal indicates that 4 cores would be obtained and composited into a sample for each location. Preliminary location of the cores and compositing scheme was described in the proposal with the understanding that they would be refined in a subsequent Field Sampling Plan. Although not specifically stated in the LWG's proposal, we assume that each composited sample will be characterized (ie, bulk analysis for chemical and physical parameters) as that is the standard protocol.

The LWG's proposal is generally acceptable to EPA and we request that the LWG prepare and submit a Field Sampling Plan within 30 days for EPA review and approval.

Please let us know if you have any questions.

Chip Humphrey  
EPA

"Valerie Oster"

<voster@anchoren  
v.com>

To

Eric Blischke/R10/USEPA/US@EPA,  
12/17/2007 10:54 AM Chip Humphrey/R10/USEPA/US@EPA  
cc

"Carl Stivers"  
<cstivers@anchorenv.com>, "Bob  
Wyatt" <rjw@nwnatural.com>,  
<david.ashton@portofportland.com>  
, <wolffg@plu.edu>, "J Betz"  
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Applegate"  
<RICKA@BES.CI.PORTLAND.OR.US>,  
"Valerie Oster"  
<voster@anchorenv.com>  
Subject  
FW: LWG Proposal Mobility Testing

Chip, Eric,

Please see below and attached.

Thank you,  
valerie

Valerie Thompson Oster  
Anchor Environmental, L.L.C  
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Portland, OR 97224  
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From: Carl Stivers  
Sent: Monday, December 17, 2007 10:49 AM  
To: Valerie Oster  
Cc: Jessica Pisano  
Subject: LWG Proposal Mobility Testing

Valerie – Please pass this on to EPA.

Eric and Chip –

Please find attached the LWG's proposal for mobility testing. We look forward to discussing this with you in the near future. Thanks.

Carl

Carl Stivers  
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(See attached file: 2007\_12\_17\_Mobility Testing Memo.doc)(See attached file: 2007\_12\_17\_Mobility Test Tables.xls)